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00005.001252

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
NAOTO OSAKADA, ET AL.) Examiner: Not Yet Assigned
Application No.: 10/519,197) Group Art Unit: Not Yet Assigned
Filed: December 23, 2004)
For: PHOSPHODIESTERASE)
INHIBITOR : March 2, 2005
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

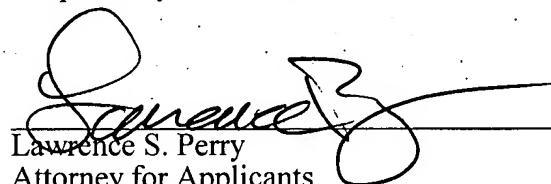
Documents A, B, I, N, O, T-Y and AC-AJ were cited in the International Search Report, of record. The concise explanation of their relevance may be found therein. The remaining references are all discussed in Applicants' specification. Additionally, English-language abstracts of any non-English documents are enclosed.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Lawrence S. Perry
Attorney for Applicants
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,780,634	7/98	Inoue, et al.	546	173	
	B	2003/0018047	1/03	Lebel, et al.	514	317	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	C	0 380 038	6/95	EP			
	D	0 601 191	6/94	EP			
	E	WO 01/24785	4/01	PCT			
	F	0 339 485	11/89	EP			
	G	WO 91/19498	12/91	PCT			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	H	Ren, et al., "Dihydroorotate Dehydrogenase Inhibitors: Quantitative Structure-activity Relationship Analysis", <i>Pharmaceutical Research</i> , Vol. 15, No. 2 (1998), pages 286-295
	I	Chen, et al., "Structure-Activity Relationship of Quinoline Carboxylic Acids", <i>Biochmeical Pharmacology</i> , Vol. 40, No. 4 (1990), pages 709-714
	J	Jöckel, et al., "Structural and Functional Comparison of Agents Interfering with Dihydroorotate, Succinate and NADH Oxidation of Rat Liver Mitochondria", <i>Biochemical Pharmacology</i> , Vol. 56 (1998), pages 1053-1060
	K	Batt, et al., "Immunosuppressive Structure-Activity Relationships of Brequinar and Related Cinchoninic acid Derivatives", <i>Bioorganic & Medicinal Chemistry Letters</i> , Vol. 5, No. 14 (1995), pages 1549-1554
	L	Sloboda, et al., "Antiinflammatory and Antiarthritic Properties of a Substituted Quinoline Carboxylic Acid: CL 306,293", <i>The Journal of Rheumatology</i> , Vol. 18, No. 6 (1991), pages 855-860
	M	Scott, et al., "Studies of the effect of CL 306,293, a substituted quinoline carboxylic acid, on the clinical disease induced in mice with LP-BM5 virus", <i>Antiviral Research</i> , Vol. 20 (1993), pages 71-81
	N	Bećić, et al., "Preliminary definition of analgesic effect of newly synthesized derivatives of pyrazolin and quinoline carbonic acids", <i>Periodicum Biologorum</i> , Vol. 103, No. 4 (2001), pages 321-325
	O	Bała, et al., "Synthesis and Preliminary Pharmacological Screening of 4-Methylamino-2-phenylquinoline-3-carboxyamides", <i>Pol. J. Pharmacol. Pharm.</i> , Vol. 38, No. 1 (1986), pages 115-124

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
P	4,680,299	7/87	Hesson	514	311	

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
Q	WO 97/42953	11/97	PCT			
R	0 362 578	4/90	EP			
S	0 339 484	11/89	EP			
T	0 133 244	2/85	EP			
U	0 362 578	4/90	EP			
V	WO 02/36568	5/02	PCT			
W	WO 00/31037	6/00	PCT			
X	WO 02/44165	6/02	PCT			
Y	WO 02/38547	5/02	PCT			
Z	10-231289	1998	Japan			Abstract
AA	08-003144	1996	Japan			Abstract
AB	60-042367	1985	Japan			Abstract
AC	WO 97/19927	6/97	WO			

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AD	Chujo, et al., "Synthetic Study on Novel Immunosuppressant KF20444", <i>Bioorganic & Medicinal Chemistry</i> , Vol. 9, No. 12 (2001), pages 3273-3286
AE	Morreale, et al., "Arylpiperazines with Serotonin-3 Antagonist Activity: A Comparative Molecular Field Analysis", <i>J. Med. Chem.</i> , Vol. 41, No. 12 (1998), pages 2029-2039
AF	Fujishige, et al., "Cloning and Characterization of a Novel Human Phosphodiesterase that Hydrolyzes Both cAMP and cGMP (PDE10A)", <i>The Journal of Biological Chemistry</i> , Vol. 274, No. 26 (1999), pages 18438-18445

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	AG	WO 97/19926	6/97	PCT			
	AH	WO 95/32948	12/95	PCT			
	AI	0 755 685	1/97	EP			
	AJ	WO 01/32170	5/01	PCT			
	AK	WO 92/00739	1/92	PCT			

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